

**Table A4. Estimated Composition of Liquids Extracted at Natural Gas Processing Plants and the Resulting Heat Content Extraction Loss by State, 1996**  
(Liquid Volumes in Thousand Barrels, Heat Content in Billion Btu)

State	Estimated Components and Products in Liquids Extracted <sup>a</sup>					Estimated Heat Content Extraction Loss <sup>b</sup>
	Ethane	Propane	Isobutane	N-Butane	Pentanes Plus	Heat Content
Alabama.....	54	1,404	208	1,064	1,278	16,890
Alaska .....	0	902	3,176	9,715	19,553	148,444
Arkansas .....	47	81	39	68	148	1,589
California.....	12	3,190	2,571	-168	3,857	41,037
Colorado .....	6,237	4,825	871	1,962	2,839	62,801
Florida.....	623	528	0	330	149	6,061
Illinois.....	0	26	0	0	37	271
Kansas.....	4,790	16,576	4,691	3,541	5,687	138,582
Kentucky.....	209	917	81	290	196	6,640
Louisiana.....	33,909	29,210	9,887	10,118	18,592	385,513
Michigan.....	962	1,565	650	550	1,082	18,933
Mississippi.....	0	75	0	76	103	1,092
Montana.....	0	170	22	120	119	1,808
New Mexico.....	33,634	21,302	3,868	7,831	8,841	275,468
North Dakota.....	3	1,722	0	1,098	1,037	16,156
Ohio .....	0	27	0	18	18	269
Oklahoma .....	30,111	21,017	3,289	7,302	8,446	257,103
Pennsylvania.....	0	213	45	109	91	1,888
Texas.....	109,012	78,314	39,056	7,212	46,056	1,035,573
Utah.....	3,327	2,565	166	1,120	2,369	36,543
West Virginia.....	1,904	1,621	243	522	559	17,893
Wyoming.....	7,447	13,307	2,945	4,796	6,597	136,930
<b>Total .....</b>	<b>232,281</b>	<b>199,557</b>	<b>71,808</b>	<b>57,674</b>	<b>127,654</b>	<b>2,607,484</b>

<sup>a</sup> The liquid quantities shown are the estimated quantities of individual components and products contained in the liquids at the point at which the liquids were extracted from the natural gas. The estimates are based upon the assumption that the liquids extracted in each State were composed of natural gas components and products in the same proportions as those ultimately fractionated at processing and fractionating plants within the State. The quantities ultimately extracted in each State were obtained from unpublished summaries of the 12 monthly reports on Form EIA-816. For each State, ratios of the quantities of each component and product ultimately fractionated to the total quantity of liquids fractionated were developed. Those ratios were applied to the total liquids quantities extracted from natural gas in each State (see Table A3) to derive the estimated component and product quantities shown.

<sup>b</sup> Extraction loss represents that portion of the natural gas stream which was transferred to the petroleum and natural gas liquids supply chain as a result of the removal of part of the natural gas constituents in the form of natural gas liquids at natural gas processing plants. Estimates of the heat content extraction loss, i.e., the heat content of the extracted liquids, were computed using the following average heat content conversion factors (million Btu per barrel): ethane, 3.082; propane, 3.836; normal butane, 4.326; isobutane, 3.974; and pentanes plus, 4.620.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Estimated Components and Products in Liquids Extracted: Total liquids from Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production," apportioned to components and products based upon quantities of components and products fractionated as reported on Energy Information Administration (EIA), Form EIA-816, "Monthly Natural Gas Liquids Report" (see footnote a above). Heat Content extraction loss conversion factors (see footnote b above): Energy Information Administration, *Annual Energy Review*, 1996.